

Amendments to the Specification:

Amend the paragraph at page 1, lines 24-30 of the specification, as follows:

-- Some larger circuit breakers that utilize electronic circuits, ~~electrics~~, now typically implemented by a microprocessor, to provide overload and overcurrent protection similar to that provided by the thermal/magnetic trip unit, have light emitting diodes distinguishing these two types of trips. For instance, U.S. Patent No. 5,926,355 discloses such a circuit breaker that also has light emitting diodes to identify ground faults and short delay trips in addition to the thermal or long delay trip and an instantaneous or magnetic trip.trip --.

Amend the paragraph at page 6, line 26 through page 7, line 9, as follows:

-- Figure 3 illustrates a flow chart 79 for the microcontroller 39. After initializing at 81 following start-up a check is made at 83 for a trip of the circuit breaker, which begins with a signal from the trip sensor 43 that the separable contacts 13 have opened. If the breaker has opened, at 85, signals from the temperature sensor 45, the short circuit detector 47, the arc fault circuit 27 and the ground fault circuit 29 are evaluated for a trip condition as described above and the appropriate LED is illuminated at 87. These events are then written to the nonvolatile memory at 89. If no reset has been initiated as determined at 91 the appropriate LED remains energized at 93. If the breaker remains tripped as determined at 95, a loop is entered until a reset is initiated at 91, whereupon the LEDs are turned off at 97 and the program returns to trip detection. On the other hand, if the circuit breaker is reset at 95, the program also returns to trip detection, but the appropriate LED remain energized until reset. If no trip is detected at 83, but either an arc fault or ground fault signal has been generated as determined a 99, the appropriate LED is flashed at 101 to indicate a bad trip mechanism. This could occur, for instance, if the trip coil 31 or the operating mechanism 15 failed, or if the separable contacts 13 became welded shut. --.